



FIG. 3A

Effect of Gabapentin and Pregabalin on NK1 Mediated
ELK1 Activation in NK1/CHO Cells: dose response

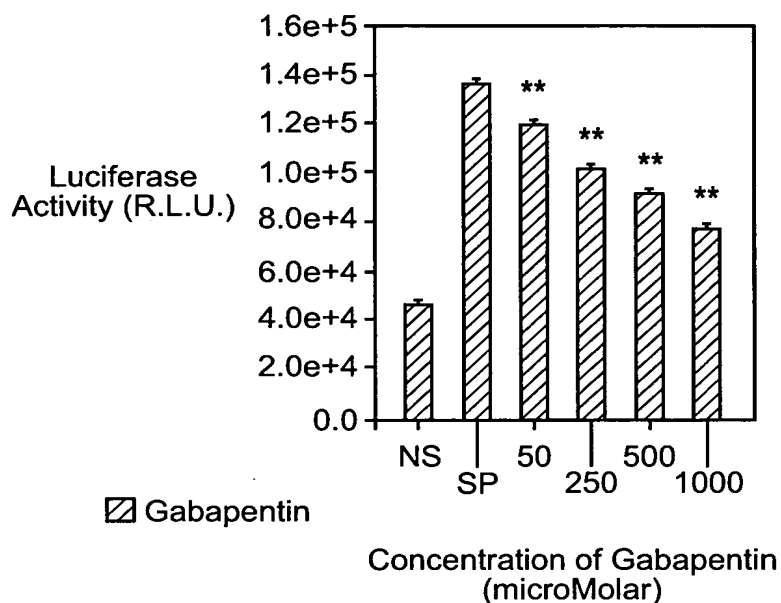
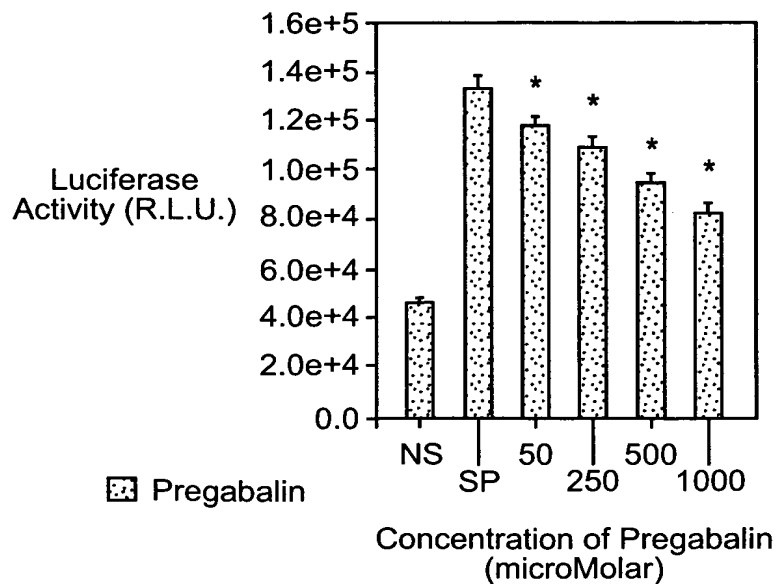


FIG. 3B

Effect of Gabapentin and Pregabalin on NK1 Mediated
ELK1 Activation in NK1/CHO Cells: dose response



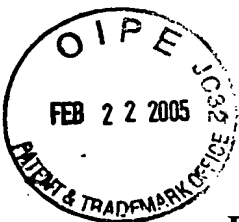
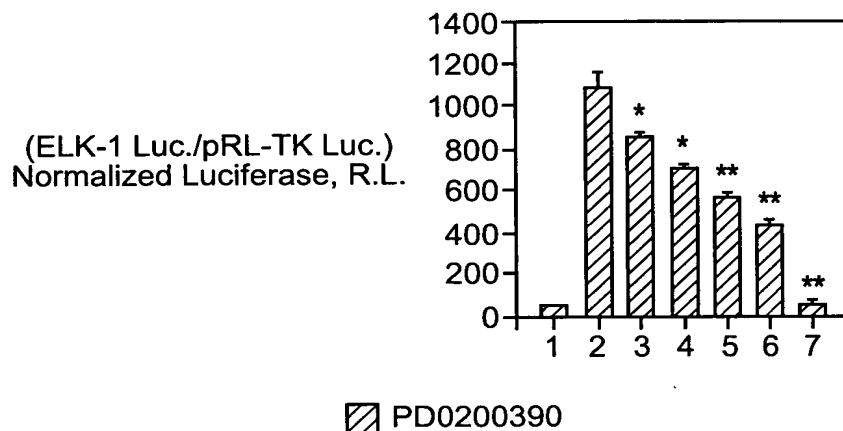


FIG. 4A

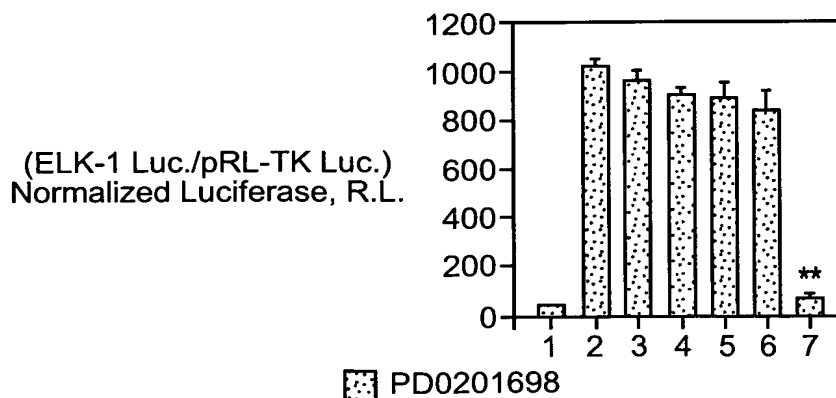
Effect of PD0200390 and PD0201698 on NK1 Mediated
Elk-1 Activation in NK1/CHO Cells



- 1.No Stimulation
- 2.Substance P10nM
- 3.Substance P10nM+PD0200390 50uM
- 4.Substance P10nM+PD0200390 200uM
- 5.Substance P10nM+PD0200390 500uM
- 6.Substance P10nM+PD0200390 1000uM
- 7.Substance P10nM+PD0184362 (MEKinhibitor)

FIG. 4B

Effect of PD0200390 and PD0201698 on NK1 Mediated
Elk-1 Activation in NK1/CHO Cells

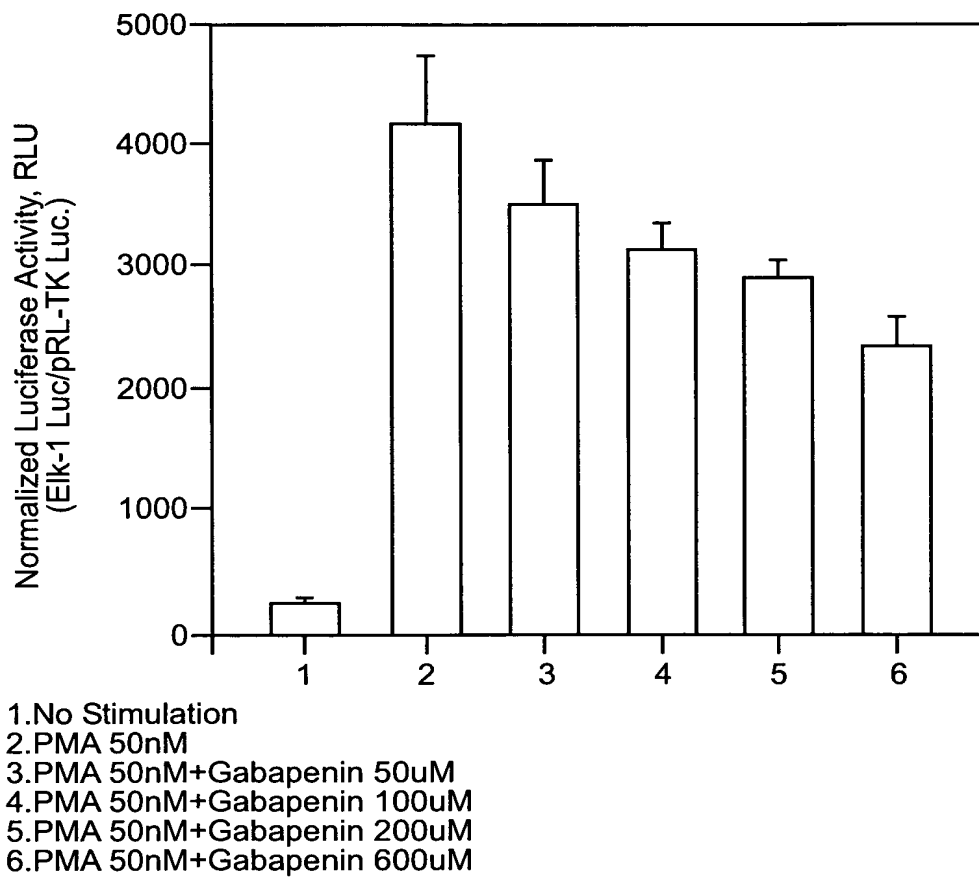


- 1.No Stimulation
- 2.Substance P10nM
- 3.Substance P10nM+PD0201698 50uM
- 4.Substance P10nM+PD0201698 200uM
- 5.Substance P10nM+PD0201698 500uM
- 6.Substance P10nM+PD0201698 1000uM
- 7.Substance P10nM+PD0201698 (MEKinhibitor)



FIG. 5

Inhibition of Gabapentin on PMA Stimulated
Elk-1 activation in IMR 32 Cells

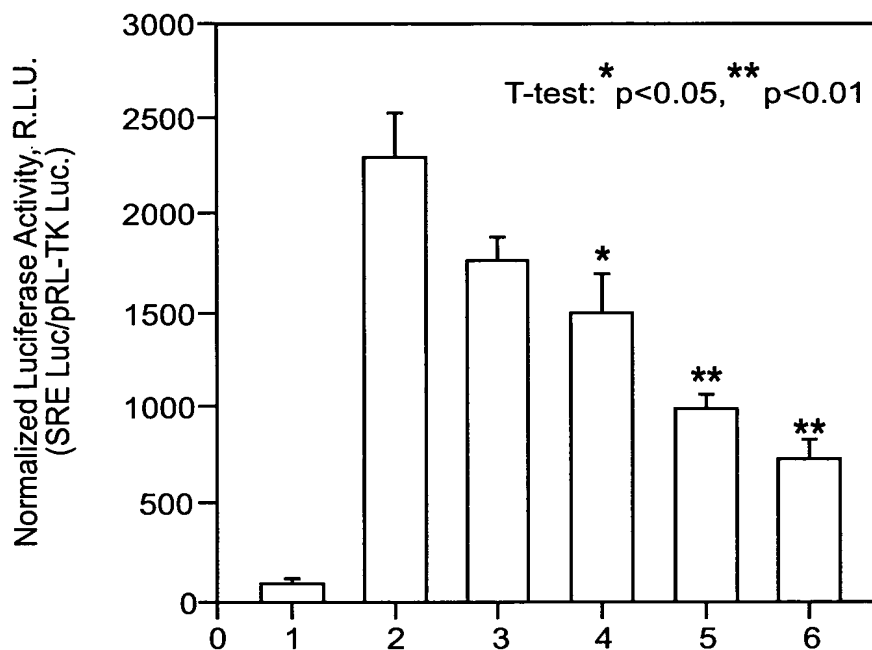




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FIG. 7

Inhibitory Effect of Gabapentin on NK1 Mediated
SRE Activation in CHO/NK1 cells



- 1.No Stimulation
- 2.Subatance P10nM
- 3.Subatance P10nM+Gabapentin 50uM
- 4.Subatance P10nM+Gabapentin 250uM
- 5.Subatance P10nM+Gabapentin 500uM
- 6.Subatance P10nM+Gabapentin 1000uM